

Appl. No. 10/823,350
Amdt. Dated Dec.27, 2005
Reply to Office Action of Sep. 27, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A lens assembly ~~[[used]]~~ for use in a camera, comprising:

a lens holder comprising at least two joined partitions, each partition comprising at least one joining edge where the partition joins at least one adjacent partition; and

a plurality of lenses received in the lens holder; wherein

at least one partition comprises one or more locking protrusions at the joining edge thereof, an adjacent partition correspondingly comprises one or more locking receptacles at the joining edge thereof, the locking protrusions are engagingly received in the locking receptacles to join the two partitions together, the lens holder is split into at least two halves along its longitudinal axis, a plurality of partition platforms are formed inside at least one half partition to define at least one room for accommodating and securing the plurality of lenses, and an opening is formed through each partition platform.

Claim 2 (currently amended): The lens assembly of claim 1, wherein each half partition of the lens holder has a top portion and a bottom portion, and the partition platforms are parallel to both the top portion and the bottom portion.

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Claim 3 (currently amended): The lens assembly of claim 2, wherein a ~~cutout~~ an opening is defined through the top portion of each partition.

Claim 4 (currently amended): The lens assembly of claim 3, wherein an opening is defined through the bottom portion of each partition.

Claim 5 (original): The lens assembly of claim 4, wherein the openings of the partition platform are aligned with the openings of the top portion and the bottom portion.

Claim 6 (original): The lens assembly of claim 1, wherein the lens holder has a cylindrical body, and a plurality of screw threads is formed on an outside surface of the body.

Claim 7 (currently amended): The lens assembly of claim 1, wherein the locking protrusions comprise a plurality of mounting pins ~~[[is]]~~ formed on ~~said at least one of the two halves~~ partition, and the locking receptacles comprise a plurality of mounting holes corresponding to the mounting pins ~~[[is]]~~ defined in ~~the other of the two halves~~ said adjacent partition.

Claim 8 (currently amended): The lens assembly of claim 7, wherein ~~said at least one half of the lens holder~~ partition is secured with ~~the other half of the lens holder~~ said adjacent partition by the mounting pins ~~inserting into~~ engaged in the mounting holes.

Claim 9 (currently amended): The lens assembly of claim 3, wherein the openings of the top portions of the partitions cooperatively form a funnel-shaped opening in ~~the a top portion of the lens holder when one half is assembled with the other half~~.

Claim 10 (currently amended): A lens holder ~~[[used]]~~ for use in a

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camera, comprising:

a first housing half having a first plurality of partition platforms, a plurality of locking pins protruding from the first housing half; and

a second housing half being complementary to the first housing half, the second housing half having a second plurality of partition platforms, a plurality of locking holes being defined in the second housing half for engagingly receiving the locking pins; wherein

when the first housing half is assembled with the second housing half to form a complete housing, the partition platforms of the first housing half and the partition platforms of the second housing half together define a plurality of rooms inside said complete housing for receiving a plurality of lenses and together define openings for passage of light.

Claim 11 (currently amended): The lens holder of claim 10, wherein each of the housing halves comprises a top portion, a bottom portion, and a semi-cylindrical wall extending therebetween, with the semi-cylindrical wall defining a joining edge where the housing half adjoins the other housing half.

Claim 12 (canceled)

Claim 13 (currently amended): The lens holder of claim ~~[[12]]~~ 11, wherein a plurality of screw threads is formed on an outside surface of the semi-cylindrical walls.

Claim 14 (original): The lens holder of claim 13, wherein the top portion of each housing half has a semi-circular opening therethrough, and the bottom portion of each housing half has a semi-circular opening therethrough.

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Claim 15 (currently amended): The lens holder of claim 14, wherein the semi-circular openings of the top portions of the housing halves cooperatively form a funnel-shaped opening ~~is formed through the a top portion of said complete housing, and the semi-circular openings of the bottom portions of the housing halves cooperatively form a circular opening is formed through the a bottom portion of said complete housing when the first housing half is assembled with the second housing half.~~

Claim 16 (currently amended): The lens holder of claim 14, wherein each partition platform of each housing half has a semi-circular opening which is aligned ~~and in communication~~ with the semi-circular openings through the top portion and the bottom portion of the housing half.

Claim 17 (canceled)

Claim 18 (currently amended): A lens assembly comprising:

a lens holder defining a through hole along an axial direction thereof;
and

a plurality of lenses axially spatially received in said lens holder to guide light passing through said through hole;

said lens holder including at least first and second parts assembled to each other, said first part defining at least one partition ~~thereof~~ and defining at least one lateral opening exposed to an exterior before said second part is assembled to the said first part, a plurality of screw threads being formed on an outside surface of each of said at least first and second parts to cooperatively form a set of screw threads of the lens holder; wherein

at least one lens is inserted into a corresponding cavity derived from said at least one partition from the exterior through said lateral opening before said second part is assembled to the said first part, and successively

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said lateral opening and said lens are hidden from the exterior after said second part is assembled to ~~the~~ said first part.

Claim 19 (original): The assembly of claim 18, wherein said first part and said second part are assembled in a lateral direction perpendicular to said axial direction.

Claim 20 (original): The assembly of claim 18, wherein said first part and said second part are dimensioned and configured similar to each other.

Claim 21 (new): The assembly of claim 18, wherein a plurality of mounting pins is formed on one of said at least first and second parts, and another of said at least first and second parts defines a plurality of mounting holes engagingly receiving the mounting pins.